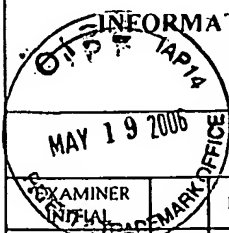


FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 200116.405C1	APPLICATION NO. 10/622,011
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Julie D. Saba	
		FILING DATE July 16, 2003	GROUP ART UNIT 1652



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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IC	AA	6,423,527	07/23/02	Saba et al.	435	232
IC	AB	2005/0221346	10/06/05	Saba et al.	435	6
	AC					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
IC	AD	WO 95/21848	08/17/95	WIPO		
	AE	WO 99/16888	04/08/99	WIPO		
	AF	WO 99/38983	08/05/99	WIPO		
IC	AG	WO 01/42479	06/14/01	WIPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IC	AH	Adachi-Yamada, T. et al., "De Novo Synthesis of Sphingolipids Is Required for Cell Survival by Down-Regulating c-Jun N-Terminal Kinase in <i>Drosophila</i> Imaginal Discs," <i>Molecular and Cellular Biology</i> 19(10): 7276-7286, October 1999.
	AI	Amalfitano, G. et al., "Fluorescence In Situ Hybridization Study of Aneuploidy of Chromosomes 7, 10, X, and Y in Primary and Secondary Glioblastomas," <i>Cancer Genet. Cytogenet</i> 116: 6-9, 2000.
	AJ	Bejaoui, K. et al., "SPTLC1 is mutated in hereditary sensory neuropathy, type 1," <i>Nature Genetics</i> 27(3): 261-262, March 2001.
	AK	Caligan, T.B. et al., "A High-Performance Liquid Chromatographic Method to Measure Sphingosine 1-Phosphate and Related Compounds from Sphingosine Kinase Assays and Other Biological Samples," <i>Analytical Biochemistry</i> 281(1): 36-44, May 15, 2000.
	AL	Dawkins, J.L. et al., "Mutations in SPTLC1, encoding serine palmitoyltransferase, long chain base subunit-1, cause hereditary sensory neuropathy type I," <i>Nature Genetics</i> 27(3): 309-312, March 2001.
	AM	Fryst, H. et al., "The PLB2 Gene of <i>Saccharomyces cerevisiae</i> Confers Resistance to Lysophosphatidylcholine and Encodes a Phospholipase B/Lysophospholipase," <i>Biochemistry</i> 38(18): 5864-5871, May 4, 1999.
IC	AN	Gable, K. et al., "Mutations in the Yeast LCB1 and LCB2 Genes, Including Those Corresponding to the Hereditary Sensory Neuropathy Type I Mutations, Dominantly Inactivate Serine Palmitoyltransferase," <i>The Journal of Biological Chemistry</i> 277(12): 10194-10200, March 22, 2002.

EXAMINER /Iqbal Chowdhury/ (05/30/2006) DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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BA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
BB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IC	BC	Gottlieb, D. et al., "The <i>DPL1</i> Gene Is Involved in Mediating the Response to Nutrient Deprivation in <i>Saccharomyces cerevisiae</i> ," <i>Molecular Cell Biology Research Communications</i> 1(1): 66-71, April 1999.
	BD	Hannun, Y.A. et al., "Enzymes of Sphingolipid Metabolism: From Modular to Integrative Signaling," <i>Biochemistry</i> 40(16): 4893-4903, April 24, 2001.
	BE	Heitman, J. et al., "FK 506-binding protein proline rotamase is a target for the immunosuppressive agent FK 506 in <i>Saccharomyces cerevisiae</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 88: 1948-1952, March 1991.
	BF	Herr, D.R. et al., "Sply regulation of sphingolipid signaling molecules is essential for <i>Drosophila</i> development," <i>Development</i> 130: 2443-2453, 2003.
	BG	GenBank Database, Accession No. AF144638, April 20, 1999.
	BH	GenBank Database, Accession No. AF266756, May 11, 2000.
	BI	Kim, S. et al., "Accumulation of Phosphorylated Sphingoid Long Chain Bases Results in Cell Growth Inhibition in <i>Saccharomyces cerevisiae</i> ," <i>Genetics</i> 156: 1519-1529, December 2000.
	BJ	Lantermann and Saba, "Characterization of sphingosine kinase (SK) activity in <i>Saccharomyces cerevisiae</i> and isolation of SK-deficient mutants," <i>Biochem. J.</i> 332: 525-531, 1998.
	BK	Mao, C. et al., "The dihydrosphingosine-1-phosphate phosphatases of <i>Saccharomyces cerevisiae</i> are important regulators of cell proliferation and heat stress responses," <i>Biochem. J.</i> 342: 667-675, 1999.
	BL	Melendez, A.J. et al., "Human sphingosine kinase: molecular cloning, functional characterization and tissue distribution," <i>Gene</i> 251: 19-26, 2000.
IC	BM	Mendel, J. et al., "Sphingosine Phosphate Lyase Expression Is Essential for Normal Development in <i>Caenorhabditis elegans</i> ," <i>The Journal of Biological Chemistry</i> 278(25): 22341-22349, June 20, 2003.

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CA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
CB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IC	CC	Olivera and Spiegel, "Sphingosine-1-phosphate as second messenger in cell proliferation induced by PDGF and FCS mitogens," <i>Nature</i> 365: 557-560, October 7, 1993.
	CD	Pyne and Pyne, "Sphingosine 1-phosphate signaling in mammalian cells," <i>Biochem J.</i> 349: 385-402, 2000.
	CE	Pyne and Pyne, "Sphingosine 1-phosphate signalling via the endothelial differentiation gene family of G-protein-coupled receptors," <i>Pharmacology & Therapeutics</i> 88: 115-131, 2000.
	CF	Roseman, R.R. et al., "A P Element Containing suppressor of Hairy-wing Binding Regions Has Novel Properties for Mutagenesis in <i>Drosophila melanogaster</i> ," <i>Genetics</i> 141: 1061-1074, November 1995.
	CG	Saba, J. et al., "Ceramide: an intracellular mediator of apoptosis and growth suppression," <i>Phil. Trans. R. Soc. Lond. B</i> 351: 233-244, 1996.
	CH	Saba, J.D. et al., "The <i>BST1</i> Gene of <i>Saccharomyces cerevisiae</i> Is the Sphingosine-1-phosphate Lyase," <i>The Journal of Biological Chemistry</i> 272(42): 26087-26090, October 17, 1997.
	CI	Thompson, A.M. et al., "p53 gene mRNA expression and chromosome 17p allele loss in breast cancer," <i>British Journal of Cancer</i> 61: 74-78, 1990.
	CJ	Van Veldhoven and Mannaerts, "Subcellular Localization and Membrane Topology of Sphingosine-1-phosphate Lyase in Rat Liver," <i>The Journal of Biological Chemistry</i> 266(19): 12502-12507, July 5, 1991.
	CK	Van Veldhoven, P.P. et al., "Human sphingosine-1-phosphate lyase: cDNA cloning, functional expression studies and mapping to chromosome 10q22," <i>Biochimica et Biophysica Acta</i> 1487: 128-134, 2000.
IC	CL	Zhou and Saba, "Identification of the First Mammalian Sphingosine Phosphate Lyase Gene and Its Functional Expression in Yeast," <i>Biochemical and Biophysical Research Communications</i> 242(3): 502-507, January 26, 1998.

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